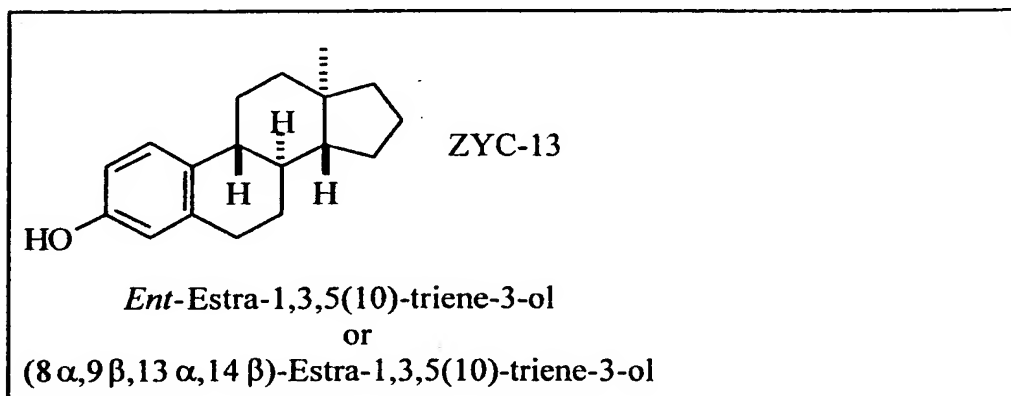
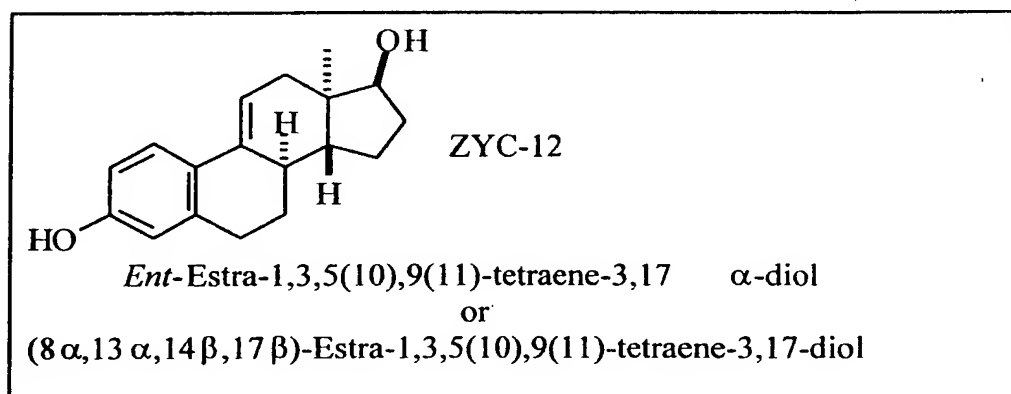
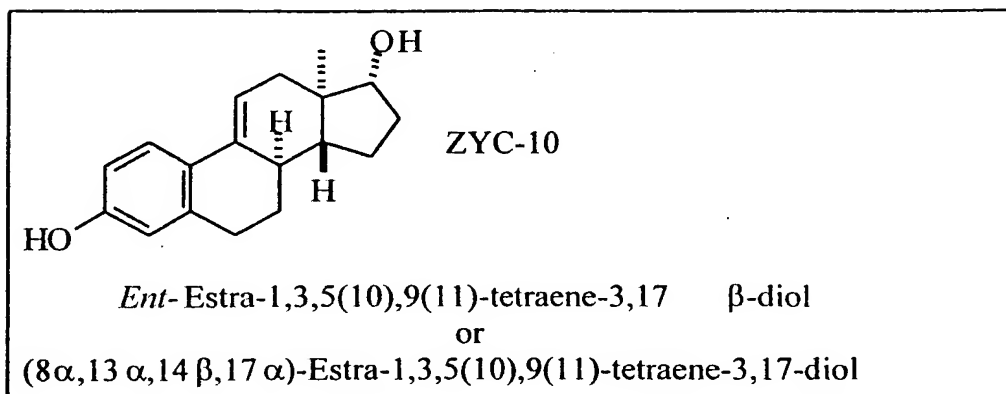
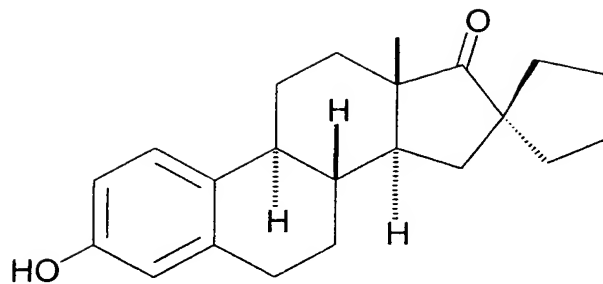


Fig. 1

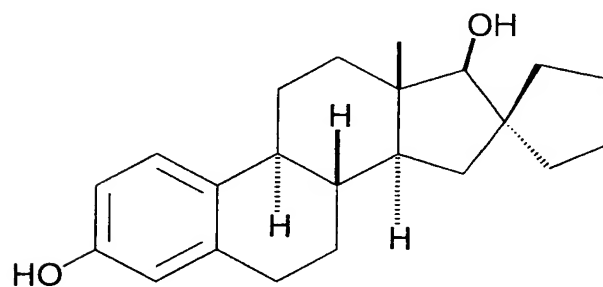


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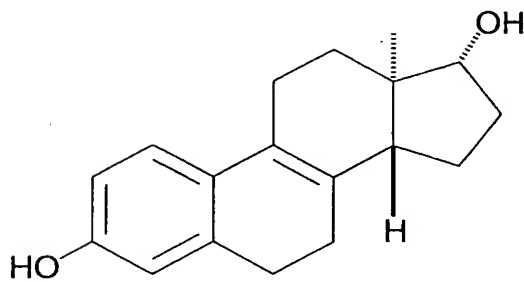
Fig. 1B



ZYC-2



ZYC-4



ZYC-27

SAR for Polar Substituents on Steroid C-Ring

SAR for Phenoxy Radical Stabilization

by Extended Resonance Delocalization

Fig. 2

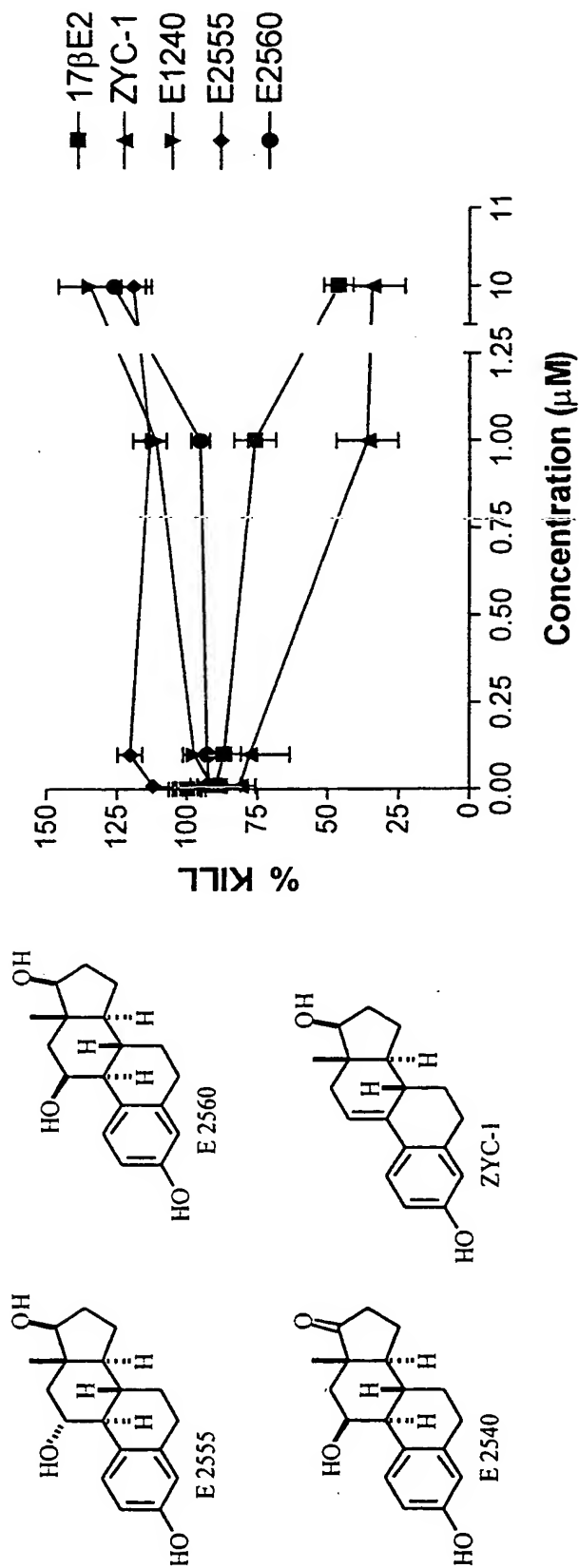
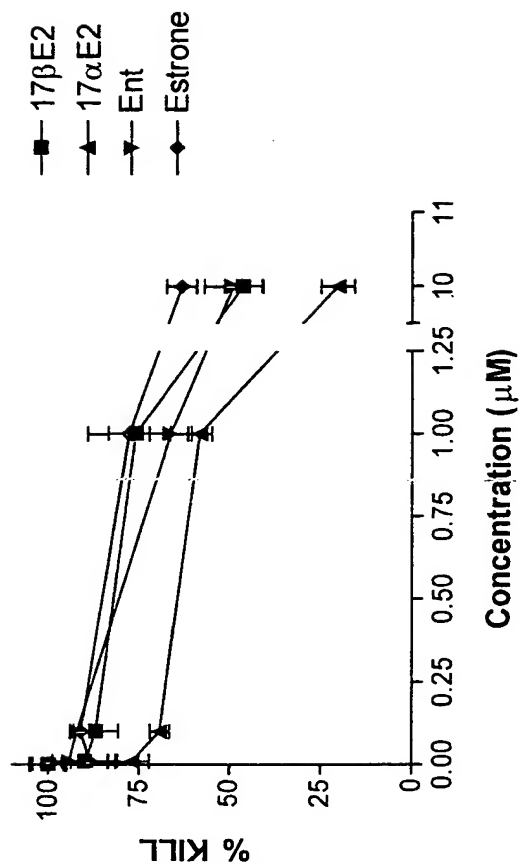
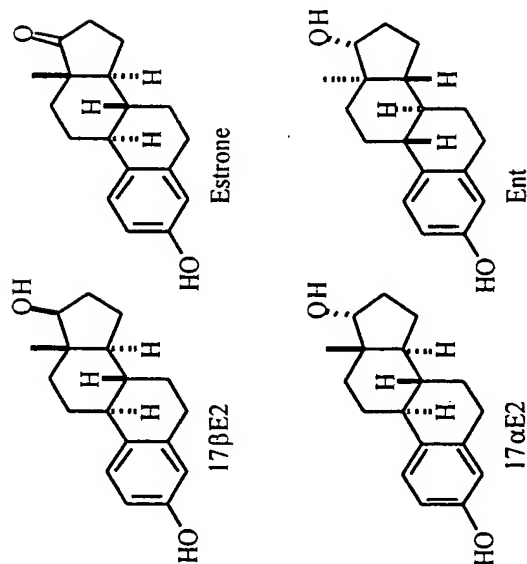


Fig. 3

SAR for C-17 Substituents SAR for Absolute Configuration of 17 β -Estradiol



SAR of Unnatural Steroid Enantiomers

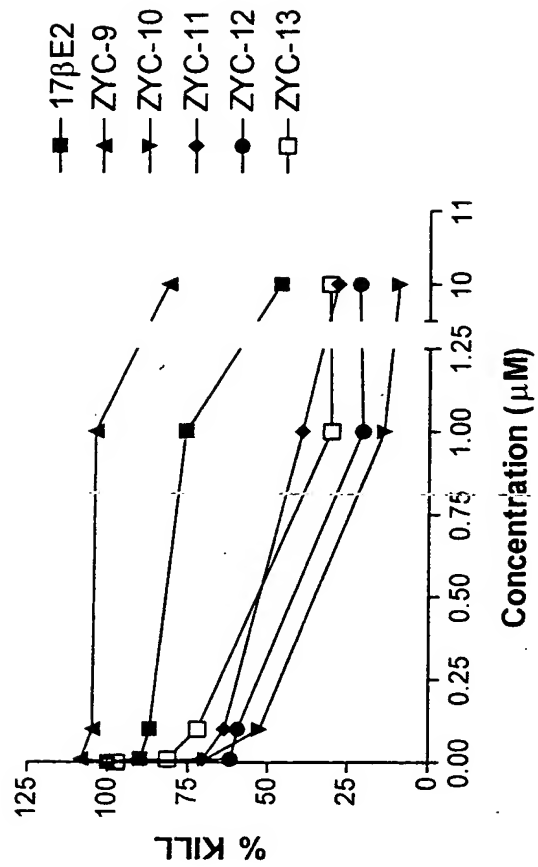
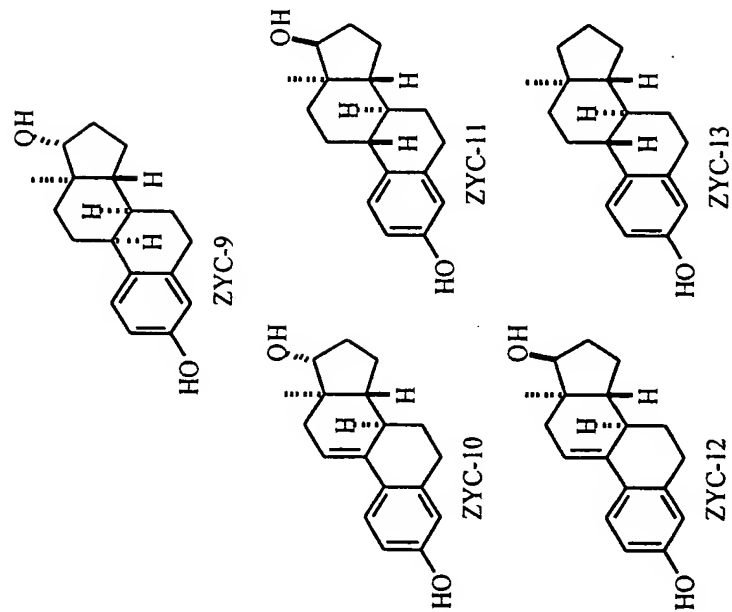
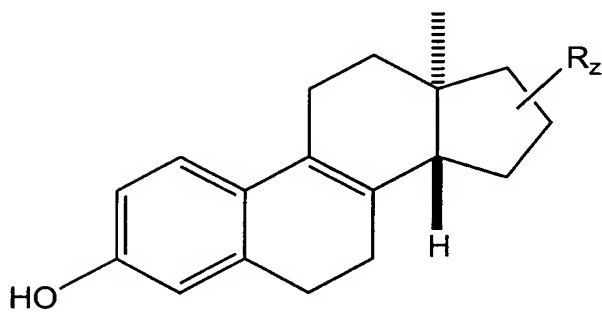
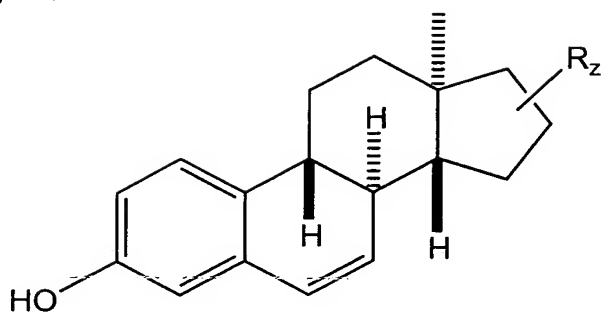
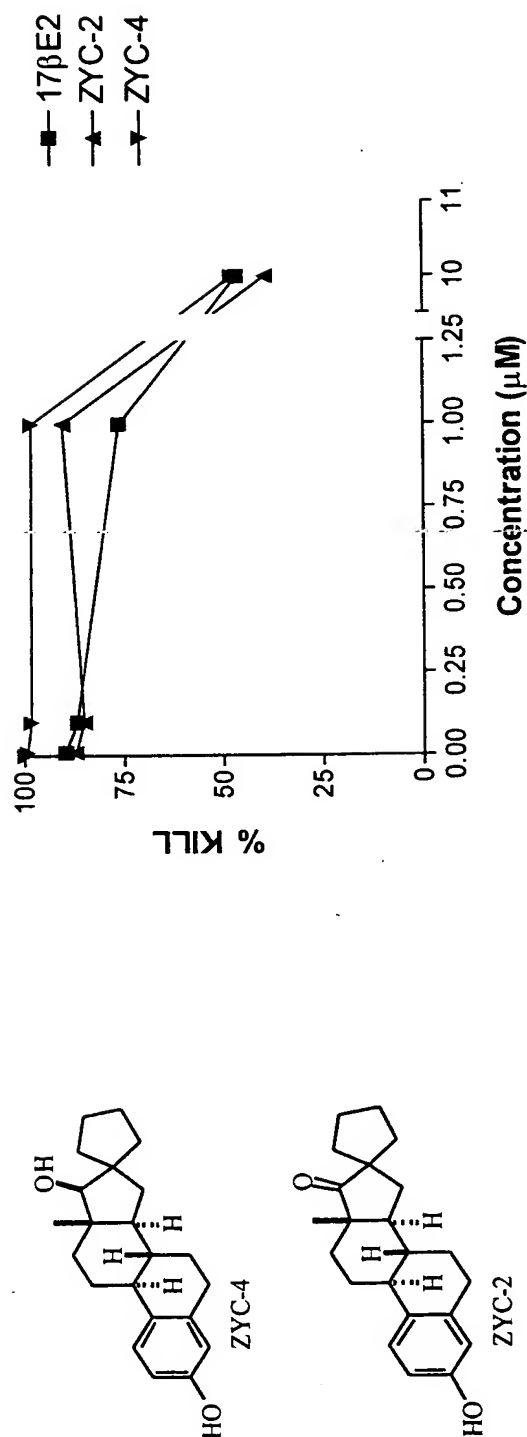


Fig. 5



SAR for Bulky D-Ring Hydrophobic Substituents

Fig. 6



ZYC-4: Spiro[cyclopentane-1,16'-estra[1,3,5(10)triene]-3',17'-diol; CA Reg. No. 157302-44-8
 ZYC-2: Spiro[cyclopentane-1,16'-estra[1,3,5(10)triene]-3'-ol-17'-one; Unknown